

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Friday, 29 November 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, November 29, 2024, were available for most stations.





Mahdia in Region 8 recorded the highest rainfall of 34.4mm.

Severe Weather Warnings: Areas with thundershowers, heavy winds, and possible lightning strikes may be observed. Persons should exercise caution in efforts to safeguard life and property.

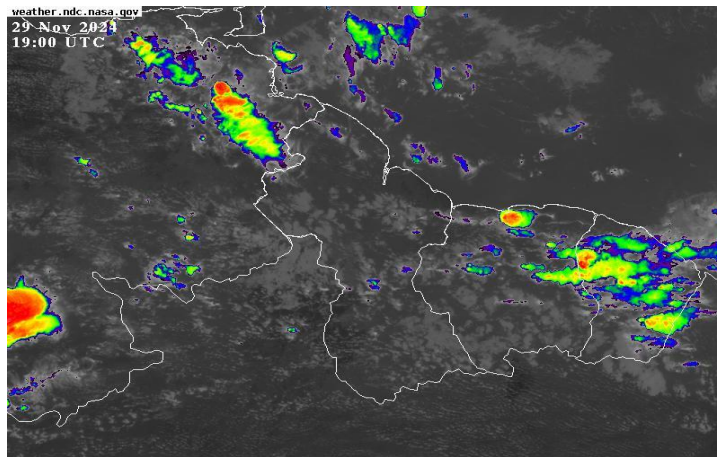
Marine Advisory: Long-period waves can likely damage vulnerable areas of the river and sea defense. Persons are asked to take the necessary precautions against possible flooding.

Synopsis: Low-level troughing affected areas over Region 1. Southern Region 6, Regions 7, and 8 experienced mild instabilities due to low-level convergence and moderate amounts of moisture. The Saharan Dust and upper-level shear are also dominant over the forecast area which created stable conditions over Regions 2 to 5 and 10 and hindered deep convective activity elsewhere. During the evening hours, Region 1, Southern Region 6, Regions 7, and 8 will continue to experience mild to moderate instabilities. During the weekend, low-level troughs embedded within relatively deep moisture plumes are expected to affect Coastal Guyana. The Saharan Dust is expected to become stronger as the new week progresses which will likely result in stabler conditions.

Today's weather review: Partly cloudy to fair and sunny skies were observed over most of the forecast area.

Friday, 29 November 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 30 November 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Region 1, Southern Region 6, Regions 7, and 8	 Rainfall between: 5.0 mm and 25.0 mm	Region 1, Southern Region 6, Regions 7, and 8 can expect partly cloudy to cloudy skies with isolated to scattered showers during the evening hours. Isolated thundershowers are also expected over these areas. All remaining regions can expect partly cloudy to fair skies, with no significant rainfall expected. <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strike during thundershowers.	Regions 2 to 5 and 10.	 Rainfall between: 0.0 mm and 10.0 mm	Regions 2 to 5, and 10 can expect brief cloudy spells with isolated showers during the morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. All remaining regions can expect cloudy skies with isolated to scattered showers and thundershowers during the afternoon.
All remaining regions	 No significant rainfall is expected.	<u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 19 °C – 22 °C	All remaining regions	 Rainfall between: 5.0 mm and 25.0 mm	<u>Maximum temperatures:</u> Coast: 30 °C – 32 °C Hinterland: 32 °C – 34 °C

Georgetown's long-term daily average rainfall, for the next 10 days from November 29 to December 08, 2024, is 8.9 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs)

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Table # 2 Occurrences of high and low tides for the next 24 hours and the times for sunrise and sunset.

Tonight (November 29, 2024)	Tomorrow Morning (30 November 2024)		Tomorrow Afternoon (30 November 2024)
<i>Low Tide 21:12 hrs Tide Height 0.69 m</i>	<i>High Tide 03:21 hrs Tide Height 2.60 m</i> <i>Low Tide 09:21 hrs Tide Height 0.99 m</i>		<i>High Tide 15:30 hrs Tide Height 2.80 m</i>
<i>Sunrise:</i>	<i>05:46 hrs</i>	<i>Sunset:</i>	<i>17:32 hrs</i>

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY WILL BE IN EFFECT FROM TOMORROW AFTERNOON AND WILL CONTINUE UNTIL DECEMBER 04, 2024. RESIDENTS OF LOW-LYING, RIVERINE, AND FLOOD-PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.

Sea conditions: MODERATE TO ROUGH SEAS WITH NORTHERLY TO NORTHEASTERLY SWELLS REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 15 AND 16 S. GENTLE TO MODERATE EASTERLY BREEZE.

Extended Forecast

Sunday and Monday: Coastal regions can expect cloudy skies with scattered showers and intermittent rain during the morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. Inland and Hinterland areas can expect cloudy skies with isolated to scattered showers and thundershowers during the afternoon. *Rainfall is expected to range between 5.0 mm and 35.0 mm within 24 hours, with the highest expected in areas with thundershowers.*

Tuesday through Thursday: Regions 1 to 5 and 10 can expect partly cloudy to fair, hazy, and sunny skies with no significant rainfall expected. Regions 6 to 9 can expect cloudy skies with isolated showers and thundershowers during the afternoon. *Rainfall is expected to range between 5.0 mm and 25.0 mm within 24 hours.*

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service's website <https://hydromet.gov.gy>

An update in the bulletin is provided daily by the Hydromet Service

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